

JPD20

LG ANSWER 4 OF 5 JAPIO (C) 2008 JPO on STN

AN 1994-203819 JAPIO Full-text

TI ALKALINE ZINC SECONDARY BATTERY

IN MISHINA SHINYA

PA CANON INC

PI JP 06203819 A 19940722 Heisei

AI JP 1992-347462 (JP04347462 Heisei) 19921228

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SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Volume 1994

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AB PURPOSE: To provide an alkaline zinc secondary battery which has a long life with the reduced speed of growth of zinc dendrite and can be quickly charged and discharged and whose life is not much lowered even in the case of deep charging and discharging.

CONSTITUTION: An alkaline zinc secondary battery comprises a negative electrode active material 11 comprising zinc and its compound, a positive collector electrode 17, first and second liquid retaining layers 13, 14 each containing an alkaline electrolyte, and a separating member 15, and a polymer having a quaternary ammonium group is contained in the separating member 15. At least two or more porous layers are disposed in a negative electrode and ions of VIB group other than oxygen are contained in a cell. COPYRIGHT: (C)1994,JPO&Japio